



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 S.W. 26 Street, Room 208
T (786) 315-2590, F (786) 315-2599

www.miamidade.gov/economy

WinDoor, Inc.
7500 Amsterdam Drive
Orlando, FL 32832

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "9050 Thermally Broken" Aluminum Outswing Glazed French Door- L.M.I.

APPROVAL DOCUMENT: Drawing No. **08-01637**, titled "Series 9050 Terrace Outswing Aluminum (Thermally Broken) Double Door", sheets 1 through 13 of 13, dated 06/21/12 with revision "D" dated 09/30/15, prepared by manufacture, dated 11/16/15, signed and sealed by Luis Roberto Lomas, P. E., bearing the Miami-Dade County Product Control Section Approval stamp with the Notice of Acceptance number and Approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LIMITATION:

1. All steel anchor strength shall be minimum Grade 5.
2. See Design Pressure table Vs ADA sill type on sheet 2. Positive design pressure above +30 PSF requires canopy or overhang complying with FBC requirements.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its

MIAMI-DADE COUNTY
APPROVED

NOA No. 14-0128.05

Expiration Date: February 07, 2018

Approval Date: December 10, 2015

Page 1

[Signature]
12/3/15



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INSPECTION (continued)

distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 12-0627.07 consists of page 1, this page 2, and evidence page E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jorge M. Plasencia, P. E.**



P
12/3/15

NOA No. 14-0128.05
Expiration Date: February 07, 2018
Approval Date: December 10, 2015
Page 2

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

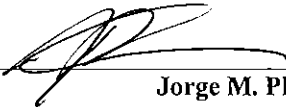
1. Manufacturer's die drawings and sections (submitted under 12-0627.07).
2. Drawing No. **08-01637**, titled "Series 9050 Terrace Outswing Aluminum (Thermally Broken) Double Door", sheets 1 through 13 of 13, dated 06/21/12 with revision "D" dated 09/30/15, prepared by manufacture, dated 11/16/15, signed and sealed by Luis Roberto Lomas, P. E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an outswing French door, prepared by National Certified Testing Laboratories, Inc., Test Report No. **NCTL-210-3781-2**, dated 10/27/14, signed and sealed by Gerard J. Ferrara, P. E.
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an outswing French door, prepared by National Certified Testing Laboratories, Inc., revised Test Report No. **NCTL-210-3781-2R**, revision date 10/10/12, signed and sealed by Gerard J. Ferrara, P. E. (submitted under 12-0627.07).
3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
6) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
7) Water Resistance Test, per FBC, TAS 202-94
8) Large Missile Impact Test per FBC, TAS 201-94
9) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an outswing French door, prepared by National Certified Testing Laboratories, Inc., Test Report No. **NCTL-210-3781-2**, dated 04/10/12, signed and sealed by Gerard J. Ferrara, P. E. (submitted under 12-0627.07).

C. CALCULATIONS

1. Anchor calculations and structural analysis, complying with FBC-2014, 5th edition, submitted dated 11/09/15, prepared, signed, sealed, and dated 11/09/15 and 11/17/15 by Luis Roberto Lomas, P. E.
2. **Glazing complies with ASTM E1300-04**


Jorge M. Plasencia, P. E.
Product Control Unit Supervisor
NOA No. 14-0128.05
Expiration Date: February 07, 2018
Approval Date: December 10, 2015

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS (submitted under 12-0627.07).

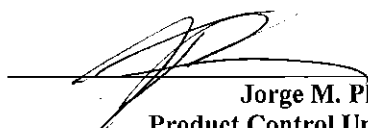
1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** (formerly **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" expiring on 07/04/18.
2. Test Report No. **ETC-08-1043-20974.0** per **ASTM D 1929-96 (2001)** (Ignition) dated 07/01/08, issued by ETC Laboratories, Inc., issued to Technoform for Polyimide plastic strut P/N PA 66 GF25, signed by Gurjinder Dhami.
3. Test Report No. **ETC-07-1043-19094-0** per **ASTM G 26-95** (4500 Xenon Arc) and **ASTM D 638** dated 02/18/08, issued by ETC Laboratories, Inc., issued to Technoform for Polyimide plastic strut, signed and sealed by Joseph Labora Doldan, P. E.
4. Test Report No. **ATI-61261.01-106-18** per **ASTM D 2843-99** (Smoke density) and **ASTM D 635** (Rate of burning) dated 12/14/05, issued by Architect Testing, Inc., issued to Technoform for Polyimide plastic strut, signed and sealed by Joseph A. Reed, P. E.

F. STATEMENTS (Items 3, 4, 5, 6, 7 submitted under 12-0627.07)

1. Statement letter of no financial interest, conformance and complying with FBC-2010, dated 12/30/13, issued, signed and sealed by Luis Roberto Lomas, P. E.
2. Laboratory addendum letter for Test Report No. **NCTL-210-3781-2R**, issued by National Certified Testing Laboratories, Inc., dated 10/27/14, signed and sealed by Gerard J. Ferrara, P. E.
3. Laboratory addendum letter for Test Report No. **NCTL-210-3781-2R**, issued by National Certified Testing Laboratories, Inc., dated 10/10/12, signed and sealed by Gerard J. Ferrara, P. E.
4. Laboratory compliance letter for Test Report No. **NCTL-210-3781-2**, issued by National Certified Testing Laboratories, Inc., dated 04/10/12, signed and sealed by Gerard J. Ferrara, P. E.
5. Laboratory compliance letter for Test Report No. **ETC-07-1043-19094-0**, issued by ETC Laboratories, Inc., dated 02/18/08, signed and sealed by Joseph Labora Doldan, P. E.
6. Laboratory compliance letter for Test Report No. **ATI-61261.01-106-18**, issued by Architect Testing, Inc., dated 12/14/05, signed and sealed by Joseph A. Reed, P. E.
7. Proposal No. **09-1509** issued by Product Control, dated 12/03/09, signed by Ishaq Chanda, P. E.

G. OTHERS

1. This NOA revises **NOA No. 12-0627.07** and expires on February 7, 2018.


Jorge M. Plasencia, P. E.
Product Control Unit Supervisor
NOA No. 14-0128.05
Expiration Date: February 07, 2018
Approval Date: December 10, 2015

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER MD COMMENTS	11/21/12	R.L.
B	ADDED CHARTS	12/26/13	R.L.
C	REVISED PER MD COMMENTS	10/23/14	R.L.
D	REVISED PER MD COMMENTS	09/30/15	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. PROPERLY SECURED 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL.
4. 1X OR 2X TO BE PROPERLY SECURED REGARDLESS OF INSTALLATION ANCHORS TO TRANSFER IMPOSED LOAD TO BUILDING STRUCTURE. TO BE REVIEWED BY BUILDING OFFICIAL.
5. WHERE WOOD BUCK THICKNESS IS 1-1/2" OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. DOOR UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
6. WHERE PROPERLY SECURED 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
7. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9. SHIMS SHALL BE MADE FROM MATERIALS CAPABLE OF SUSTAINING APPLICABLE LOADS, LOCATED AND APPLIED IN A THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
10. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
11. FRAME MATERIAL: ALUMINUM 6063-T6
12. UNITS MUST BE GLAZED PER ASTM E1300-04, SEE SHEET 4 FOR GLASS OPTIONS.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #14 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/16" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
15. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" CRETE FLEX TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

16. FOR ANCHORING INTO METAL STRUCTURE USE #14 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
17. ALL FASTENERS TO BE CORROSION RESISTANT.
18. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - C. GROUT FILLED MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL STRUCTURE: STEEL 18GA, (.058") Fu=52KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM.

CORNER CONSTRUCTION AND WEEP HOLES NOTES:
STANDARD FRAME CORNER CONSTRUCTION:
FRAME CORNERS ARE OF BUTTED CONSTRUCTION. HEAD AND SILL ARE ATTACHED TO JAMBS USING (2) #10 X 1 1/4" PH SQ DRIVE SS SCREWS.

ADA FRAME CORNER CONSTRUCTION:
FRAME CORNERS ARE OF BUTTED CONSTRUCTION. HEAD AND SILL ARE ATTACHED TO JAMBS USING (2) #10 X 1 1/4" PH SQ DRIVE SS SCREWS.

PANEL CORNER CONSTRUCTION:
PANEL FRAME CORNERS ARE OF BUTTED CONSTRUCTION.
ACTIVE PANEL RAILS ARE ATTACHED TO STILES USING #8 X 1" LEAD POINT SCREWS AT SCREW BOSSES.
INACTIVE PANEL RAILS ARE ATTACHED TO STILES USING #8 X 1" LEAD POINT SCREWS AND #10 X 3/4" LEAD POINT SCREWS AT SCREW BOSSES. #10 SCREWS ARE USED IN SCREW BOSSES WHERE REINFORCEMENT IS PRESENT.

WEEP HOLES:
(2) 9/32" X 1" WEEP HOLES WITH PLASTIC COVERS ARE LOCATED 3" FROM SILL ENDS.

SIGNED: 11/16/2015

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
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4 - 6	CROSS SECTIONS GLAZING DETAILS AND B.O.M.
7 - 9	INSTALLATION DETAILS
10 - 11A	COMPONENTS
12 - 13	HARDWARE LOCATIONS

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 14-0128.05
Expiration Date Feb. 7, 2018

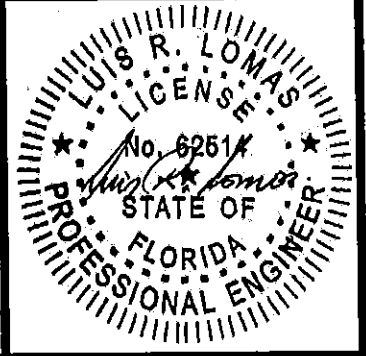
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Miami Door Product Control

WinDoor
INCORPORATED

7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

SERIES 9050 TERRACE OUT SWING
ALUMINUM (THERMALLY BROKEN) DOUBLE DOOR
NOTES

DRAWN: A.P.	DWG NO. 08-01637	REV D
SCALE NTS	DATE 06/21/12	SHEET 1 OF 13



HEAD & SILL ANCHORS
SEE CHART #4 SHEET 3
FOR REQUIRED NUMBER
OF ANCHORS

35 7/8" PANEL WIDTH

76" MAX FRAME WIDTH

26" DLO

ASTRAGAL/MEETING STILE PAIR
CLUSTER ANCHORS SEE CHART #4 SHEET 3
FOR REQUIRED NUMBER OF ANCHORS

(2) ANCHORS AT
EACH LOCATION
AT HEAD & JAMBS

6" MAX

18" MAX O.C.

REINFORCEMENT

MULTI POINT LOCK
HANDLE

JAMB ANCHORS
SEE CHART #4 SHEET 3
FOR REQUIRED NUMBER
OF ANCHORS

108 1/4" DLO

119 5/16" PANEL HEIGHT

120" MAX FRAME HEIGHT

INACTIVE

ACTIVE

6" MAX

18 3/4" MAX

3 3/4" MAX TYP

6 3/4" MAX TYP

ASTRAGAL/MEETING STILE SINGLE
CLUSTER ANCHORS SEE CHART #4 SHEET 3
FOR REQUIRED NUMBER OF ANCHORS

SERIES 9050 TERRACE OUT SWING DOUBLE DOOR
EXTERIOR VIEW WITH ADA SILL

WITH ADA SILL

DESIGN PRESSURE RATING		IMPACT RATING
+30.0/-70.0PSF	±70.0PSF	LARGE AND SMALL MISSILE IMPACT
WHERE WATER INFILTRATION IS NEEDED	*WHERE WATER INFILTRATION IS NOT NEEDED	

REFER TO CHARTS #1 & #2 FOR OTHER SIZES RATINGS

*UNITS TO BE INSTALLED AT NON-HABITABLE AREA OR OVERHANG COMPLYING WITH FBC REQUIREMENTS MUST BE PROVIDED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER MD COMMENTS	11/21/12	R.L.
B	ADDED CHARTS	12/26/13	R.L.
C	REVISED PER MD COMMENTS	10/23/14	R.L.
D	REVISED PER MD COMMENTS	09/30/15	R.L.

CHART #1 W/ADA SILL WHERE WATER INFILTRATION RESISTANCE IS NEEDED

Maximum design pressure capacity chart								
Frame Height (in)	Frame Width (in)							
	48.0		60.0		72.0		76.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
84.0	30.0	90.0	30.0	90.0	30.0	90.0	30.0	90.0
90.0	30.0	90.0	30.0	90.0	30.0	90.0	30.0	90.0
96.0	30.0	90.0	30.0	90.0	30.0	90.0	30.0	90.0
102.0	30.0	90.0	30.0	90.0	30.0	88.8	30.0	85.2
108.0	30.0	90.0	30.0	90.0	30.0	82.9	30.0	79.4
114.0	30.0	90.0	30.0	90.0	30.0	77.7	30.0	74.4
120.0	30.0	90.0	30.0	85.3	30.0	73.2	30.0	70.0

CHART #2 W/ADA SILL WHERE WATER INFILTRATION RESISTANCE IS NOT NEEDED

Design pressure capacity chart (psf)								
Frame Height (in)	Frame Width (in)							
	48.0		60.0		72.0		76.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
84.0	70.0	90.0	70.0	90.0	70.0	90.0	70.0	90.0
90.0	70.0	90.0	70.0	90.0	70.0	90.0	70.0	90.0
96.0	70.0	90.0	70.0	90.0	70.0	90.0	70.0	90.0
102.0	70.0	90.0	70.0	90.0	70.0	88.8	70.0	85.2
108.0	70.0	90.0	70.0	90.0	70.0	82.9	70.0	79.4
114.0	70.0	90.0	70.0	90.0	70.0	77.7	70.0	74.4
120.0	70.0	90.0	70.0	85.3	70.0	73.2	70.0	70.0

PANEL SIZE FORMULAS:

PANEL HEIGHT = FRAME HEIGHT - 7/16"

PANEL WIDTH = FRAME WIDTH/2 - 2 1/8"

D.L.O. FORMULAS:

D.L.O. HEIGHT = PANEL HEIGHT - 11 5/16"

D.L.O. WIDTH = PANEL WIDTH - 9 7/8"

APPLICABLE EGRESS TO BE REVIEWED BY BUILDING OFFICIAL.

SIGNED: 11/16/2015

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 14-0128.05
Expiration Date 2/7/18
B. Miami Product Control

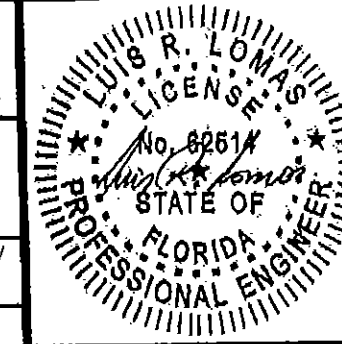
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SERIES 9050 TERRACE OUT SWING ALUMINUM (THERMALLY BROKEN) DOUBLE DOOR ELEVATIONS

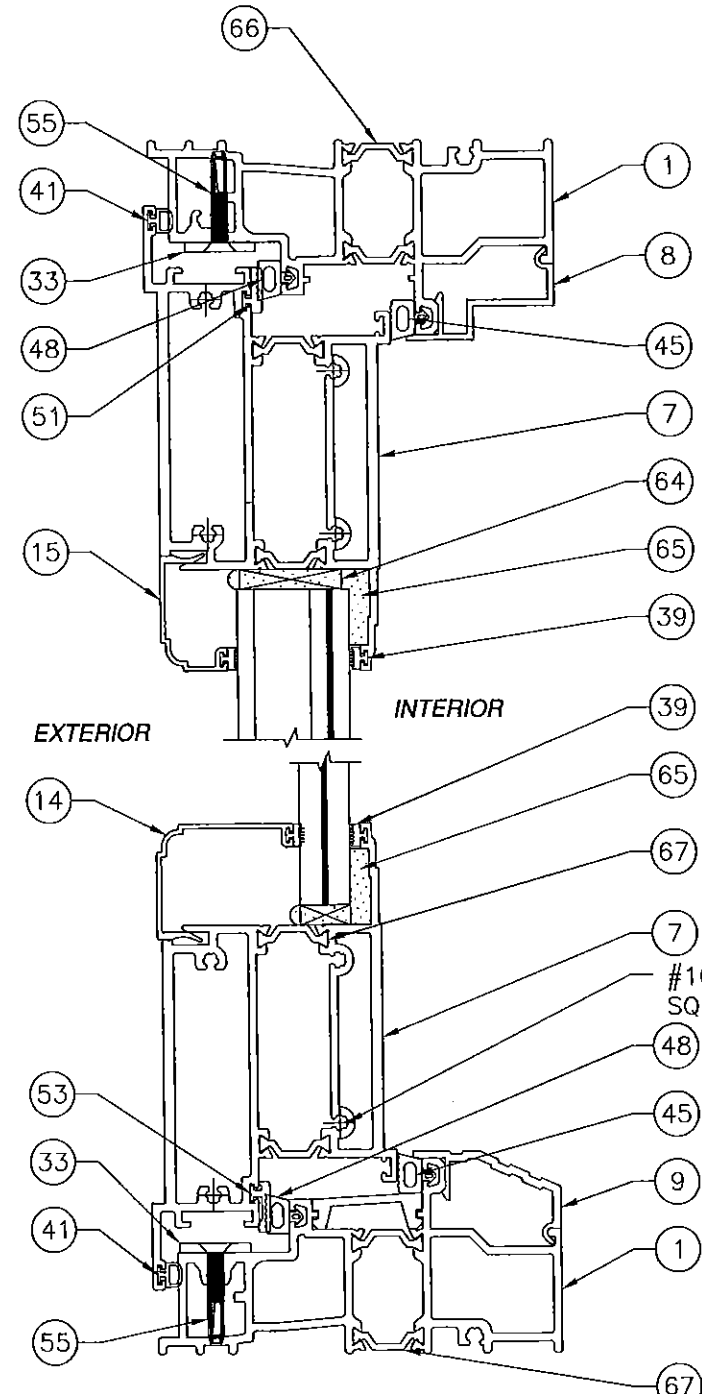
DRAWN: A.P.	DWG NO. 08-01637	REV D
SCALE NTS	DATE 06/21/12	SHEET 2 OF 13



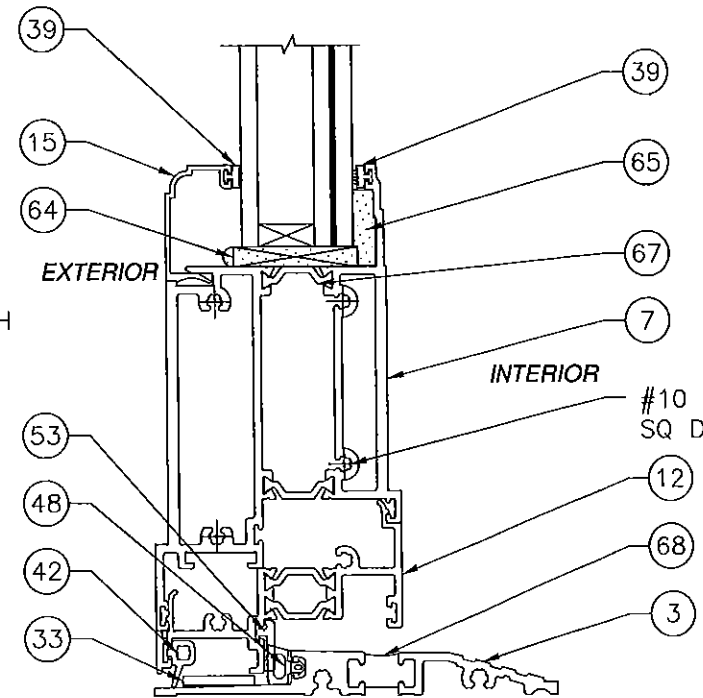
REVISIONS

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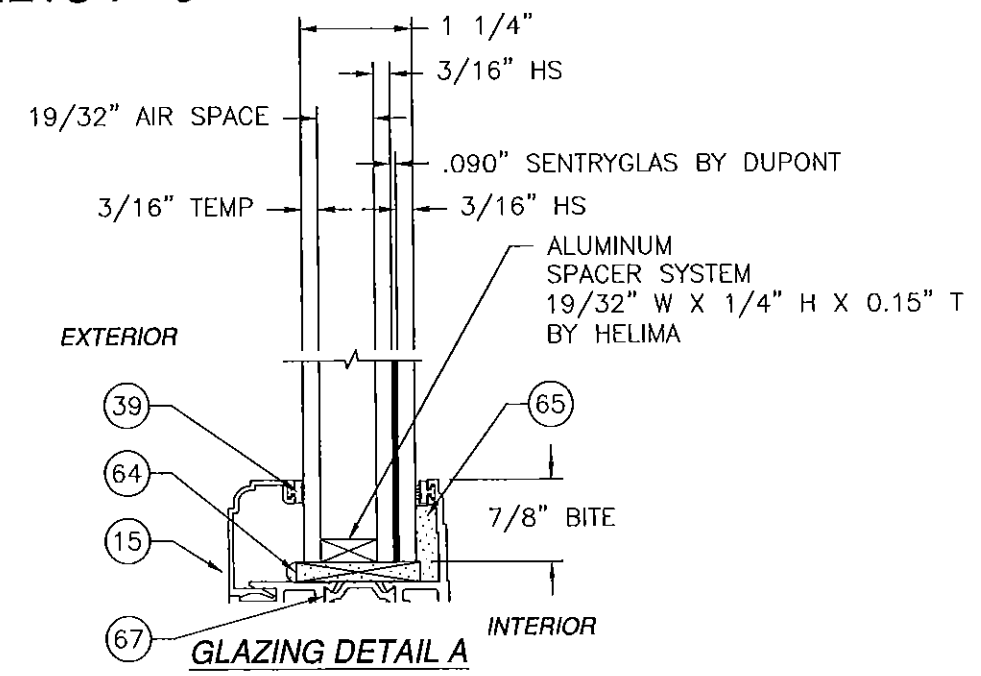
FOR ILLUSTRATION PURPOSES ONLY
FOR INSTALLATION DETAILS REFER TO SHEETS 7 - 9



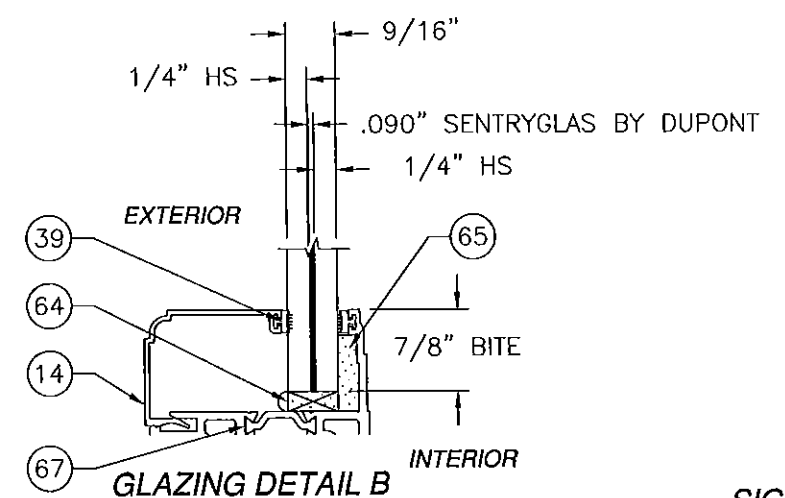
A
4 VERTICAL SECTION
STANDARD FRAME AND SILL



C
4 VERTICAL SECTION
STANDARD FRAME W/ ADA SILL



GLAZING DETAIL A



GLAZING DETAIL B

SIGNED: 11/16/2015

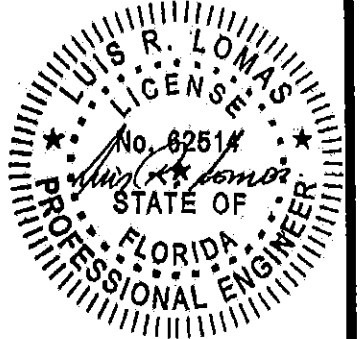
PRODUCT REVIEWED
in compliance with the Florida
Building Code
Acceptance No. 14-0128.05
Expiration Date 2/2/18
By: [Signature]
Title: Design Product Control

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INCORPORATED

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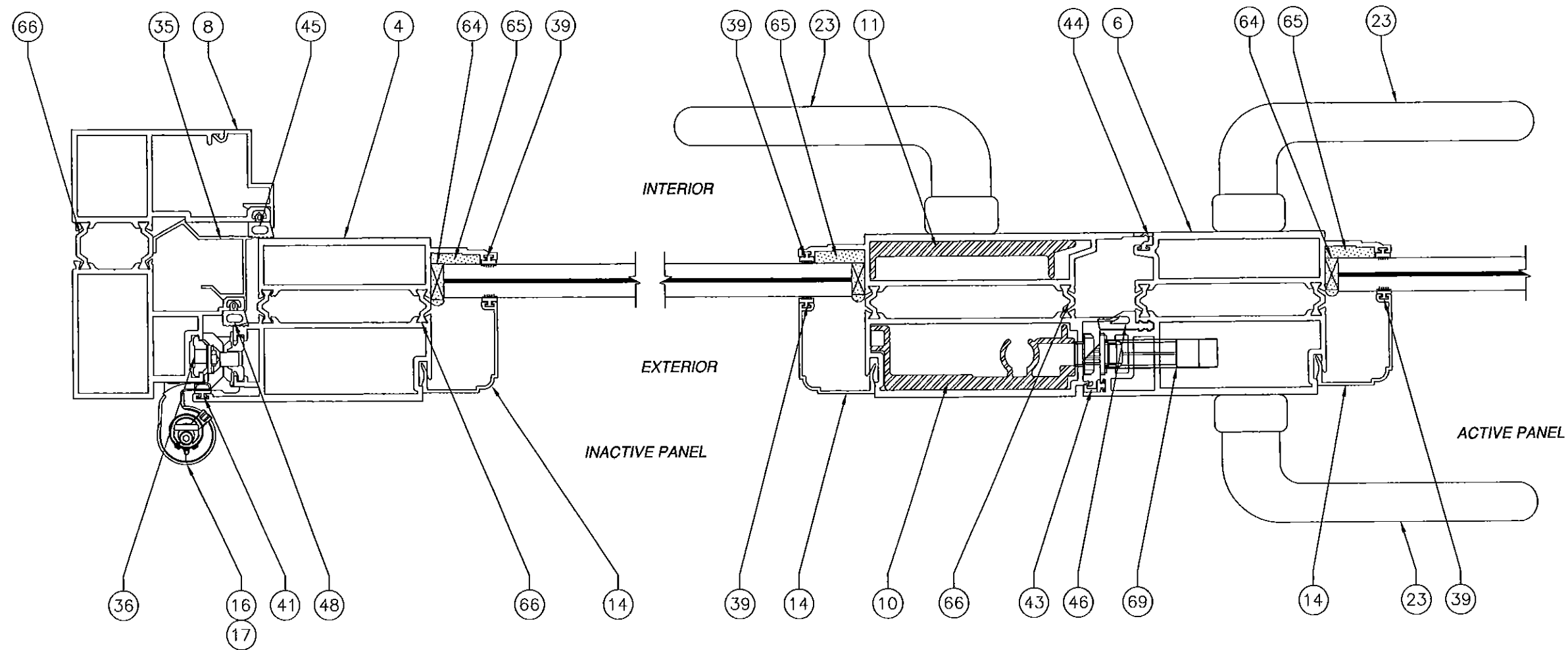
SERIES 9050 TERRACE OUT SWING
ALUMINUM (THERMALLY BROKEN) DOUBLE DOOR
CROSS SECTIONS GLAZING DETAILS AND B.O.M.

DRAWN: A.P.	DWG NO. 08-01637	REV D
SCALE NTS	DATE 06/21/12	SHEET 4 OF 13



FOR ILLUSTRATION PURPOSES ONLY
FOR INSTALLATION DETAILS REFER TO SHEETS 7 - 9

REVISIONS			
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B
5 HORIZONTAL SECTION

SIGNED: 11/16/2015

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 14-0128.05
Expiration Date 2/12/18
By: [Signature]
Product Control

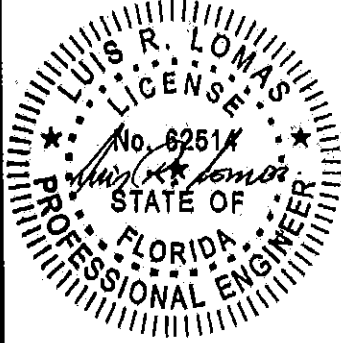
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ALUMINUM (THERMALLY BROKEN) DOUBLE DOOR
CROSS SECTIONS GLAZING DETAILS AND B.O.M.

DRAWN: A.P. DWG NO. 08-01637 REV D

SCALE NTS DATE 06/21/12 SHEET 5 OF 13



PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	905A32	FRAME HEAD & SILL ASSEMBLY	KEYMARK	6063-T6
2	905A21	FRAME JAMB ASSEMBLY	KEYMARK	6063-T6
3	S46079	ADA SILL ASSEMBLY	KEYMARK	6063-T6
4	905A03	HINGE STILE ACTIVE PANEL ASSEMBLY	KEYMARK	6063-T6
5	905A18	STILE INACTIVE PANEL ASSEMBLY	KEYMARK	6063-T6
6	905A17	STILE ACTIVE PANEL ASSEMBLY	KEYMARK	6063-T6
7	905A05	TOP & BOTTOM RAIL PANEL ASSEMBLY	KEYMARK	6063-T6
8	S46085	JAMB & HEAD COVER PLATE	KEYMARK	6063-T6
9	S46086	SILL COVER PLATE	KEYMARK	6063-T6
10	S06862	INACTIVE STILE REINFORCEMENT-LARGE	KEYMARK	6063-T6
11	S06803	INACTIVE STILE REINFORCEMENT-SMALL	KEYMARK	6063-T6
12	905A09	ADA PANEL BOTTOM RAIL	KEYMARK	6063-T6
13	S46080	EURO FRAME GROOVE COVER	KEYMARK	6063-T6
14	S46082	GLAZING BEAD 437 - 562	KEYMARK	6063-T6
15	S46084	GLAZING BEAD 1.250	KEYMARK	6063-T6
16	00598N	FLASH XXL DOOR HINGE SET	GIESSE	
17	00599	HINGE COVERS	GIESSE	
18	00591	HINGE PRELOAD PLATE	GIESSE	
34	WA2L	WEEP HOLE COVER	ENGINEERING	
35	905-VX-25	JAMB ANCHOR COVER	MOR-X PLASTICS	PVC
36	1445	SNUBBER DRIVE	ADVANTAGE MFG.	
39	TP1046	#7 GLAZING VINYL	TEAM PLASTICS	85 DUROMETER
40	905VP-21	RAMP BLOCK		
41	90003-1	WEATHERSTRIP	LAUREN MFG.	75 DUROMETER
42	4-2709	WEATHERSTRIP	LAUREN MFG.	75 DUROMETER
43	4-3911	WEATHERSTRIP	LAUREN MFG.	75 DUROMETER
44	4-3912	WEATHERSTRIP	LAUREN MFG.	75 DUROMETER
45	4-3913	EPDM SEAL	LAUREN MFG.	75 DUROMETER
46	4-3826	SPONGE EPDM WITH PSA TAPE	LAUREN MFG.	75 DUROMETER
47	52105	STRIP PLUG	LAUREN MFG.	75 DUROMETER
48	54576	SPONGE EPDM SEAL	LAUREN MFG.	75 DUROMETER
49	53993	STRUT COVER	LAUREN MFG.	75 DUROMETER
50	8303	WEATHERSTRIP	TRELLEBORG	75 DUROMETER
51	TP-446	FILLER	TEAM PLASTICS	92 DUROMETER
53	TP-1126	FILLER	TEAM PLASTICS	90 DUROMETER

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER MD COMMENTS	11/21/12	R.L.
B	ADDED CHARTS	12/26/13	R.L.
C	REVISED PER MD COMMENTS	10/23/14	R.L.
D	REVISED PER MD COMMENTS	09/30/15	R.L.

PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
54	131014	#8 X 1" PH SQ. DRIVE SCREW		
55	131008	#10 X 3/4" PHILL FH TEK SCREW		
56		#10 X 3/4" PHILL FH TAPCON		
58	131005	#10 X 1 1/4" PH SQ. DRIVE SCREW		
59	131001	#10 X 2 1/2" PHILLIPS FH TEK		
60		#14 X 3" PH		
61		#14 X 3" FH		
64	FG0015011	GLASS SHIM 1/4"X3/4"X3/4" TO 1"		NEOPRENE 80 DUROMETER
65	SIKA 552	URETHANE GLAZING SEALANT	SIKA	POLYURETHANE
66		I STRUT	TECHNOFORM	POLYAMIDE 66GF25
67		I STRUT	TECHNOFORM	POLYAMIDE 66GF25
68		I STRUT	TECHNOFORM	POLYAMIDE 66GF25
69	HLS 9000	MULTI POINT LOCK SYSTEM	HOPPE	

ITEMS 37, 38, 52, 57, 62, 63, ARE NOT USED.
FOR ITEMS 19 - 33 SEE SHEET 12

SIGNED: 11/16/2015

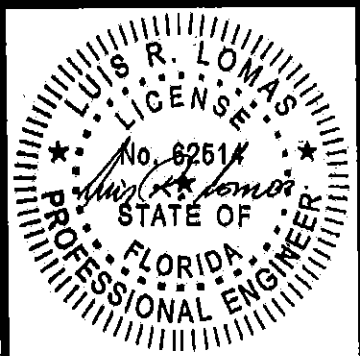
PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 14-0128-05
Expiration Date 2-12-18
By *[Signature]*
WinDoor Product Control

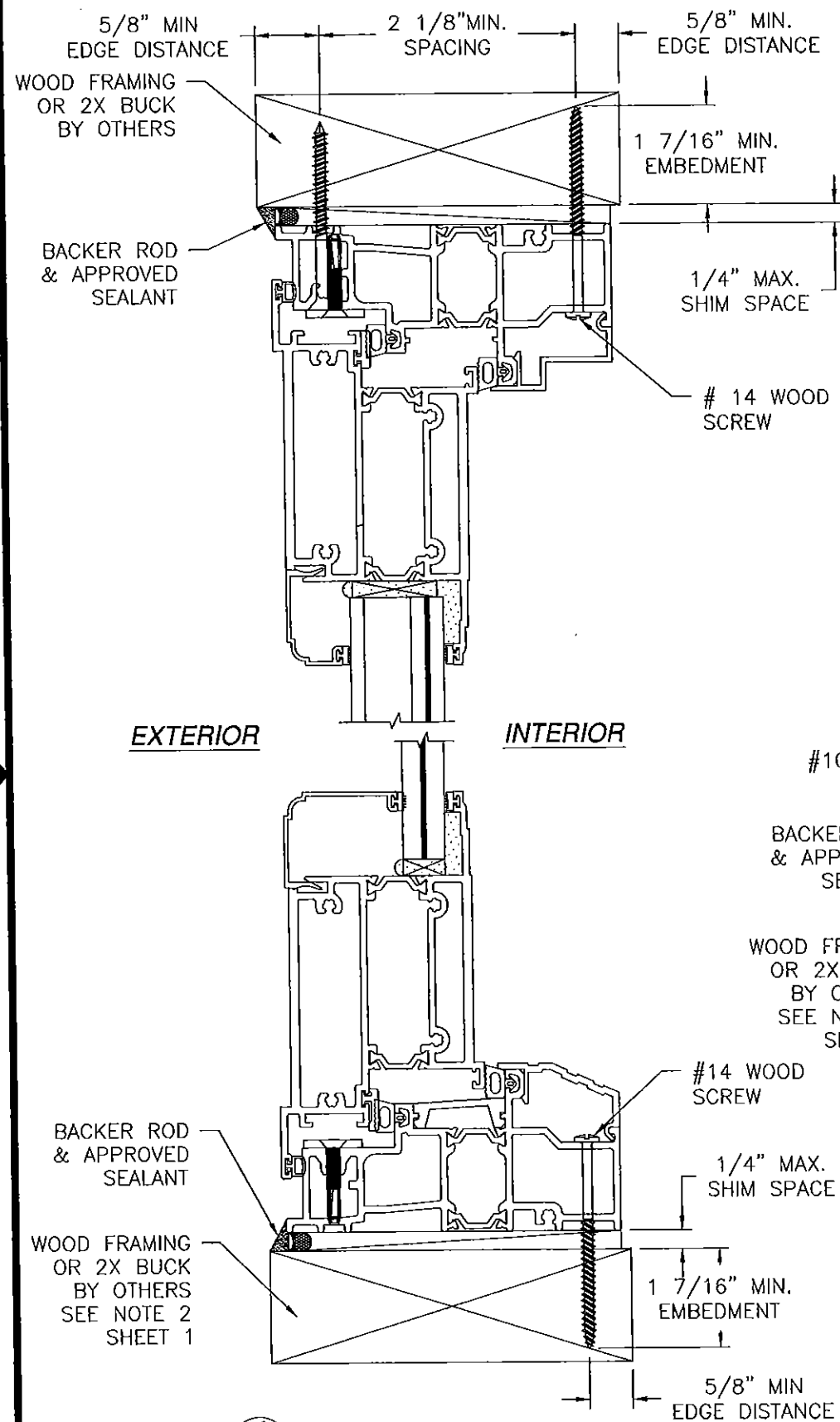
WinDoor
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ORLANDO, FL 32832
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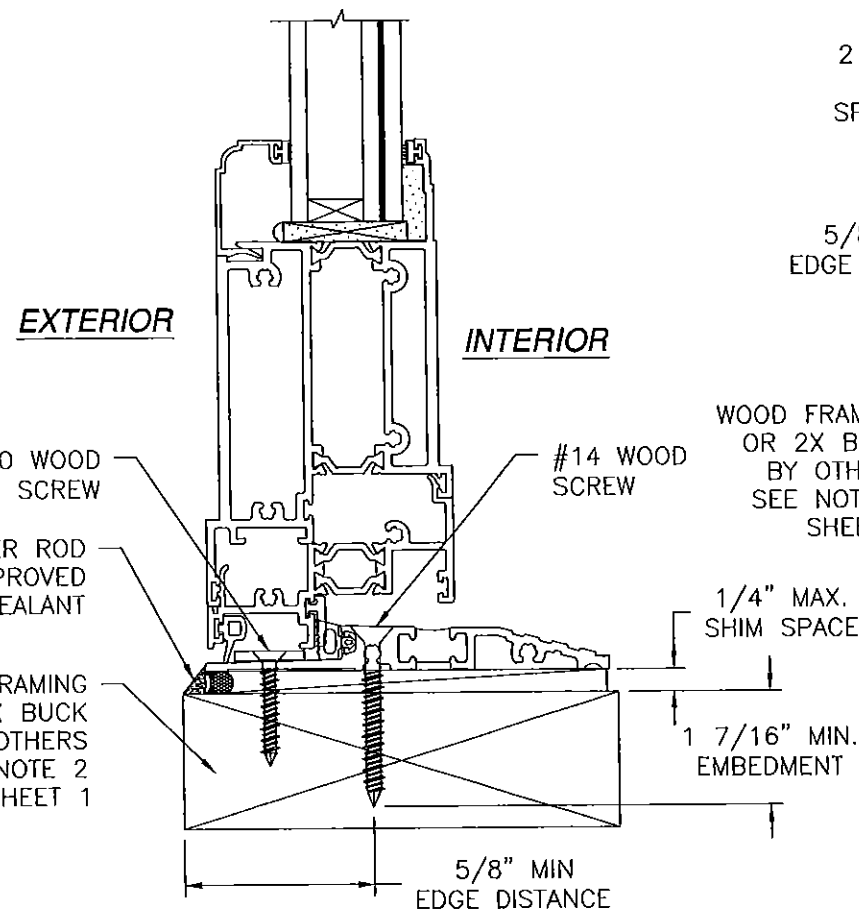
SERIES 9050 TERRACE OUT SWING
ALUMINUM (THERMALLY BROKEN) DOUBLE DOOR
CROSS SECTIONS GLAZING DETAILS AND B.O.M.

DRAWN: A.P.	DWG NO. 08-01637	REV D
SCALE NTS	DATE 06/21/12	SHEET 6 OF 13

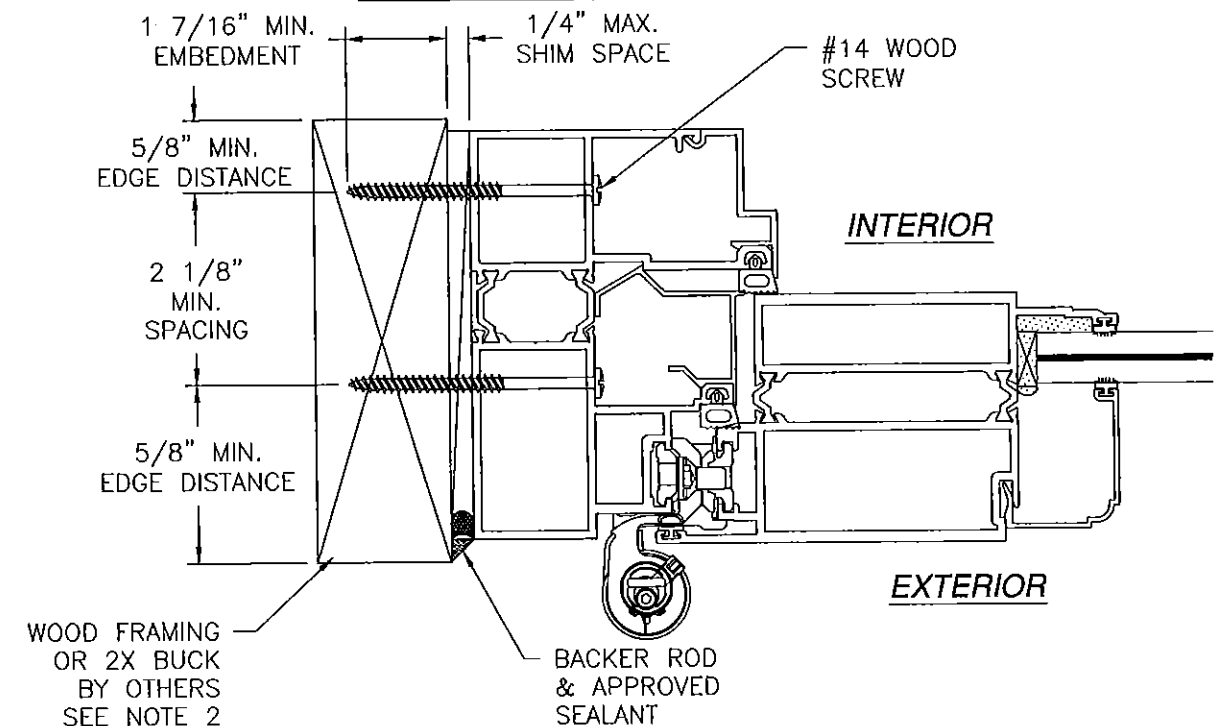




A
7
VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
STANDARD FRAME AND SILL



C
7
VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
STANDARD FRAME WITH ADA SILL



B
7
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112 TO BE REVIEWED BY BUILDING OFFICIAL.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER MD COMMENTS	11/21/12	R.L.
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D	REVISED PER MD COMMENTS	09/30/15	R.L.

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 14-0128-05
Expiration Date 2/2/18
By: [Signature]
Title: Product Control

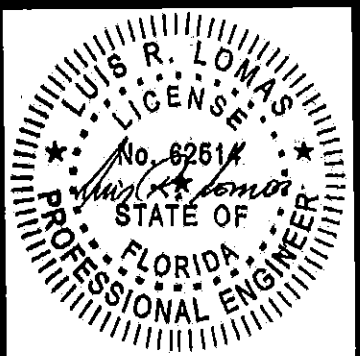
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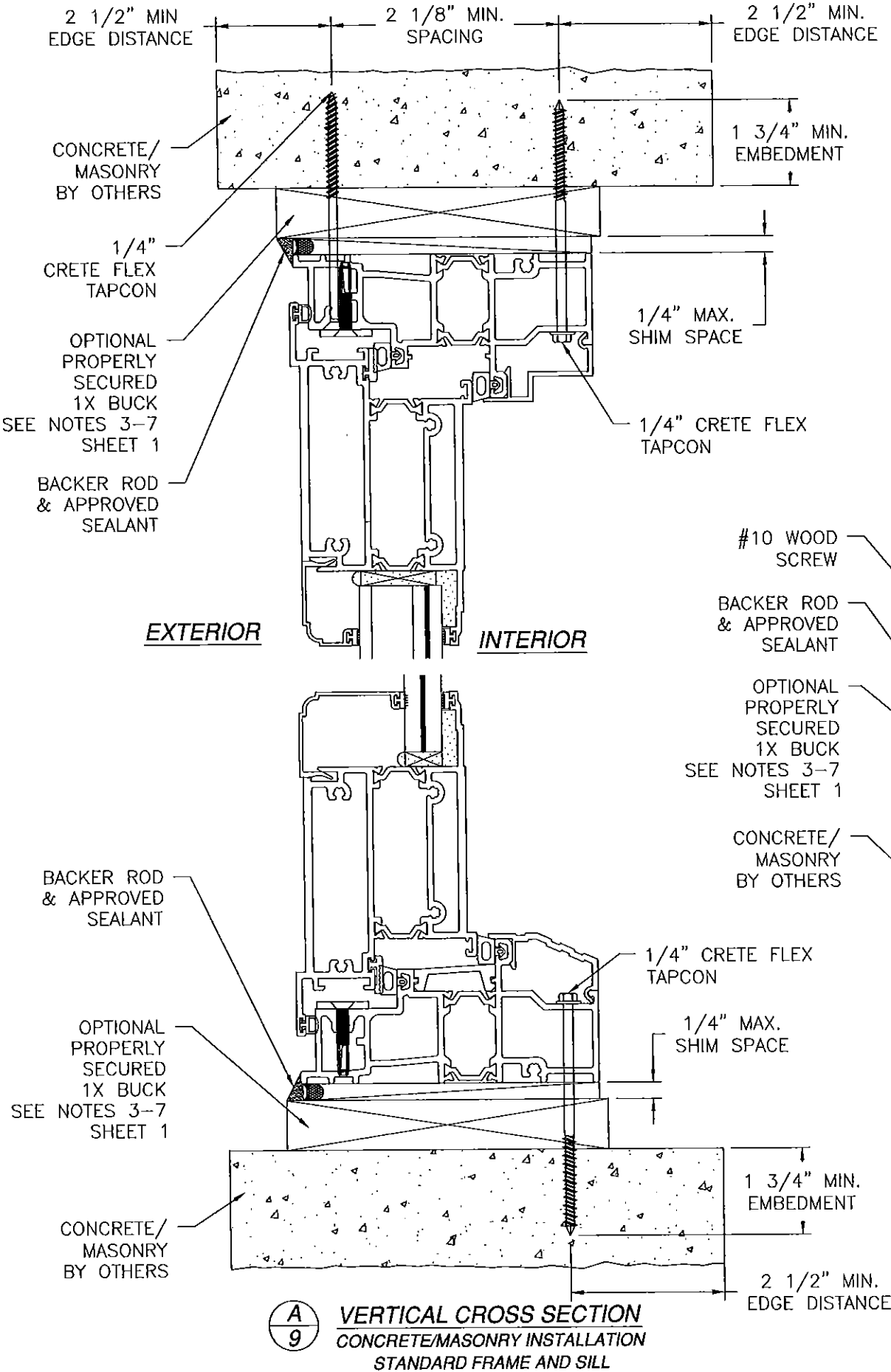
SERIES 9050 TERRACE OUT SWING
ALUMINUM (THERMALLY BROKEN) DOUBLE DOOR
INSTALLATION DETAILS

DRAWN: A.P.	DWG. NO. 08-01637	REV D
SCALE NTS	DATE 06/21/12	SHEET 7 OF 13

SIGNED: 11/16/2015

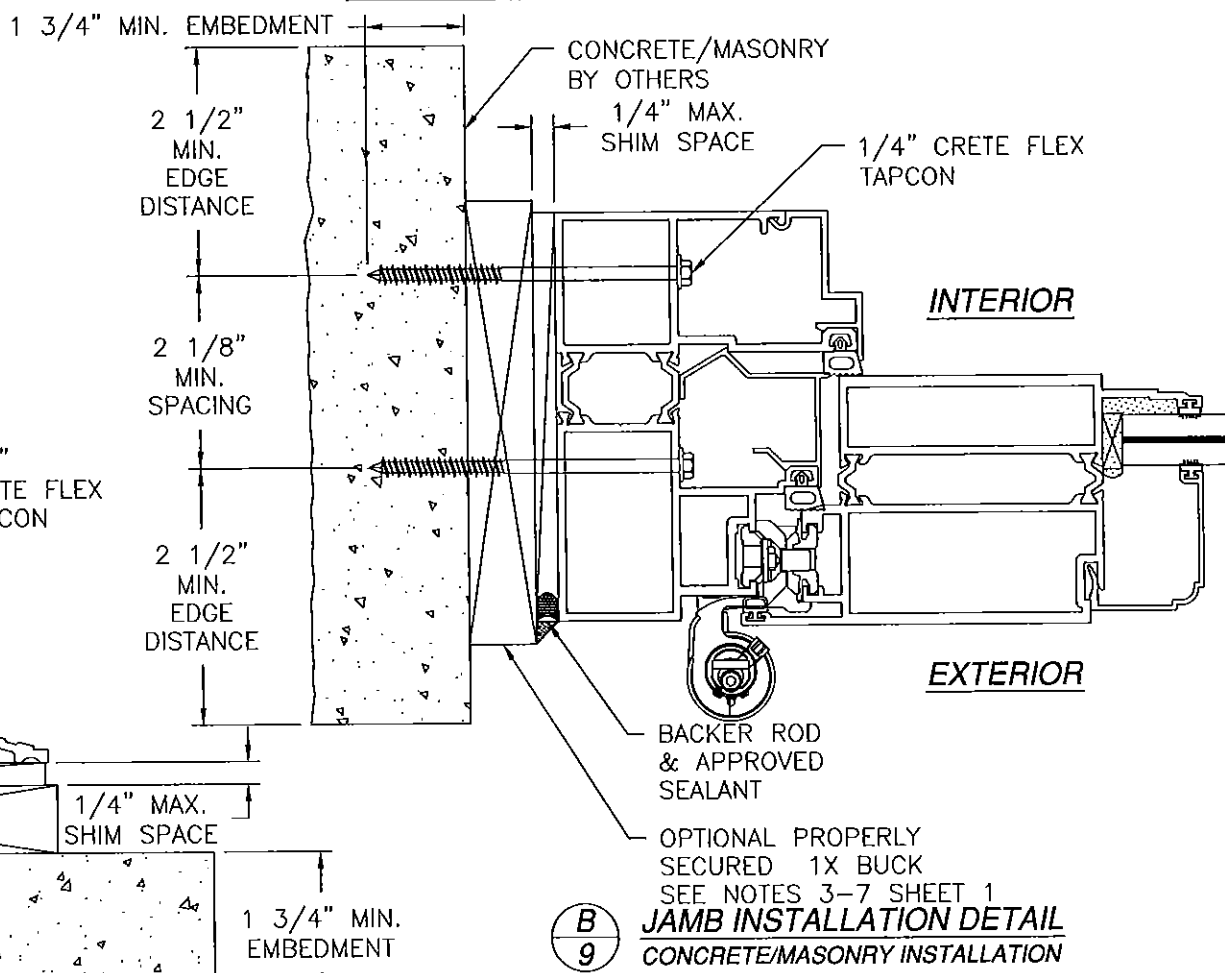


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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D	REVISED PER MD COMMENTS	09/30/15	R.L.



C
9

VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION
STANDARD FRAME WITH ADA SILL



NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112 TO BE REVIEWED BY BUILDING OFFICIAL.

SIGNED: 11/16/2015

PRODUCT REVIEWED
No. 14-012805
Acceptance No. 14-012805
Expiration Date 12/1/13

By: [Signature]
No. 14-012805

WinDoor
INCORPORATED

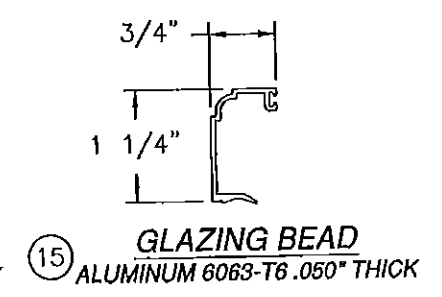
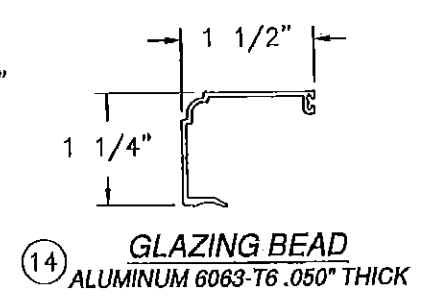
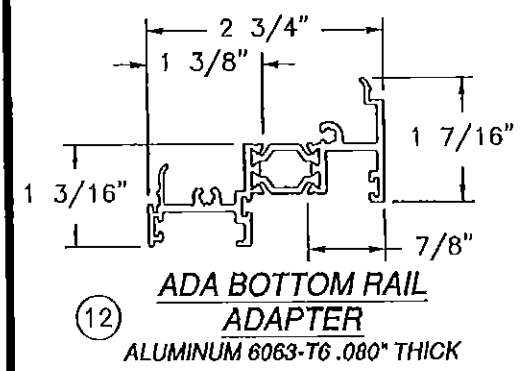
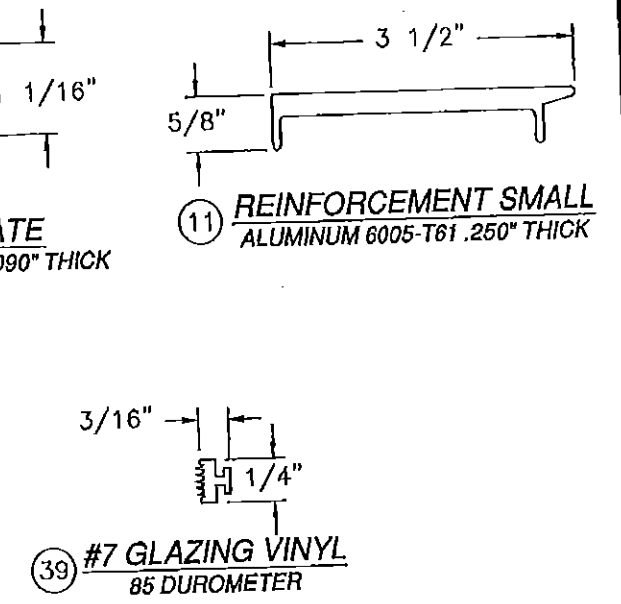
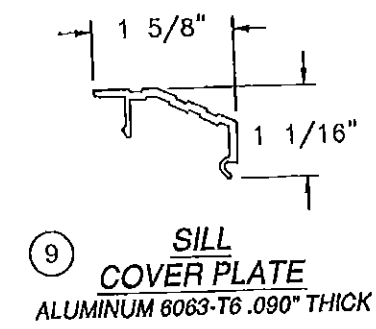
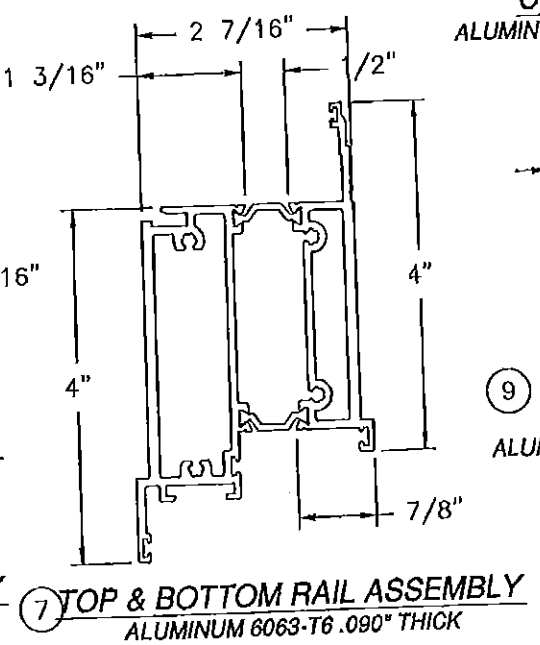
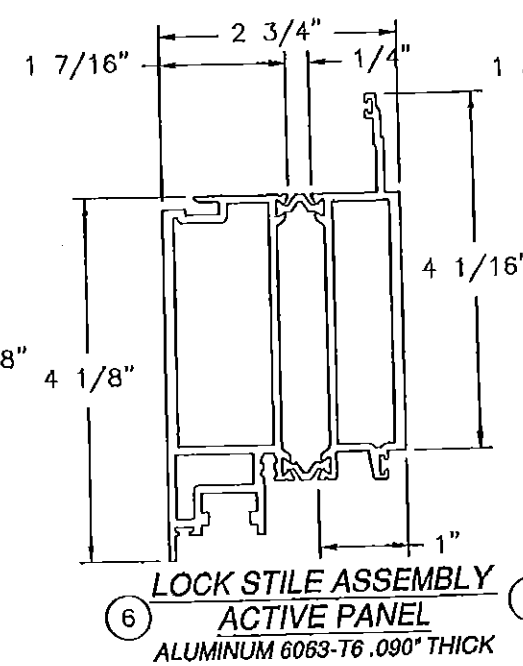
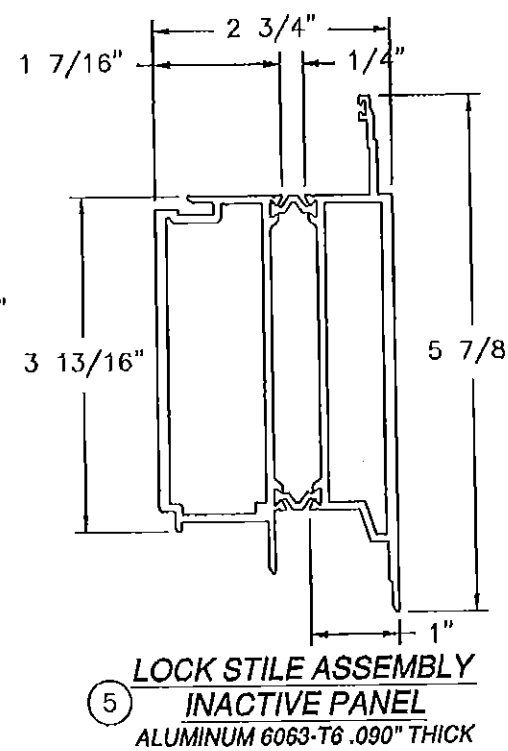
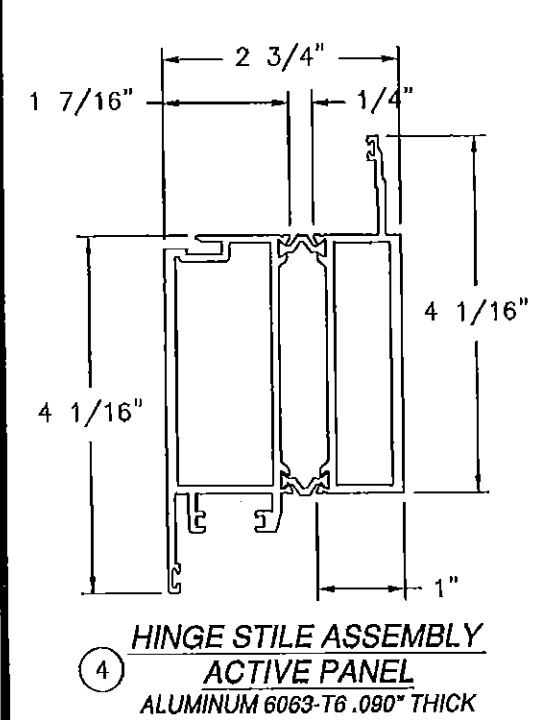
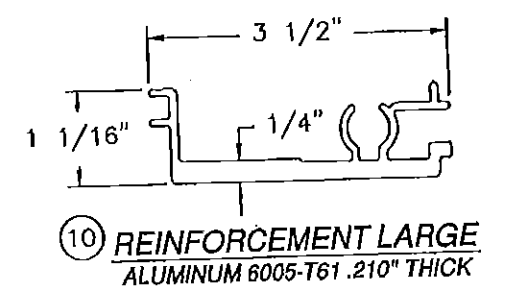
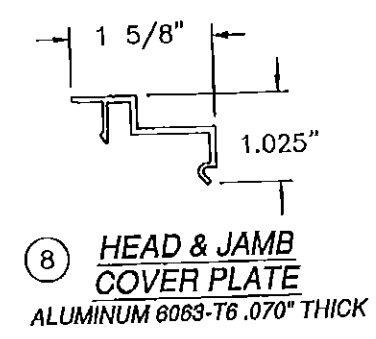
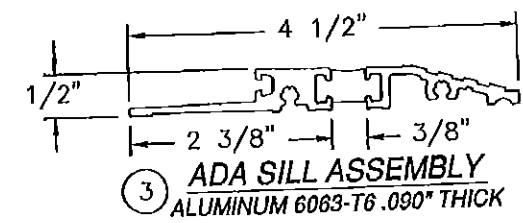
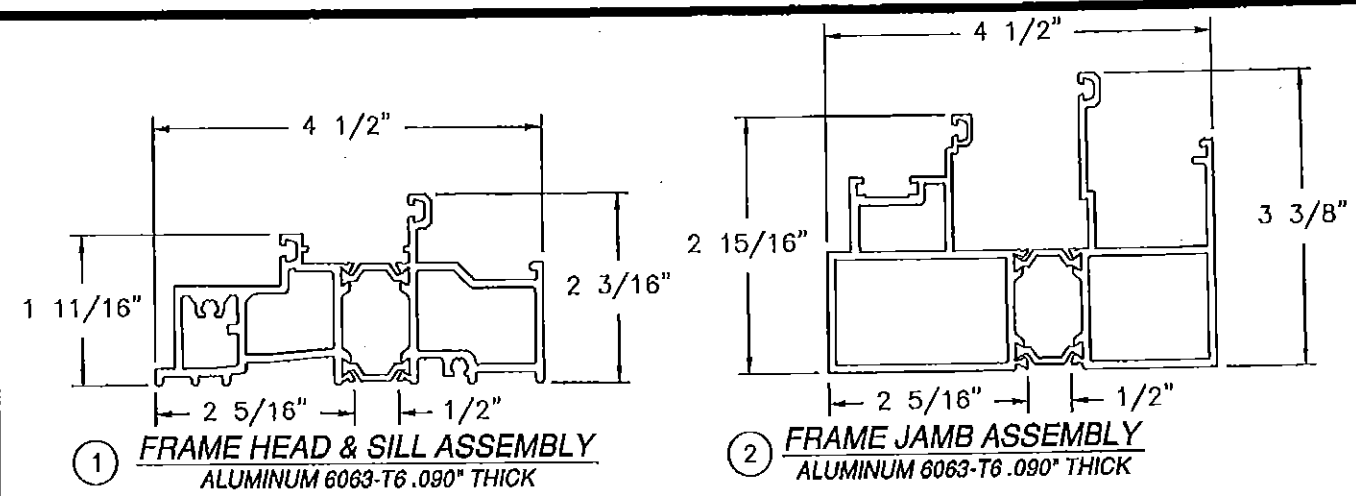
7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

SERIES 9050 TERRACE OUT SWING
ALUMINUM (THERMALLY BROKEN) DOUBLE DOOR
INSTALLATION DETAILS

DRAWN: A.P.	DWG NO. 08-01637	REV D
SCALE NTS	DATE 06/21/12	SHEET 9 OF 13

LUIS R. LOMAS
No. 62514
STATE OF FLORIDA
PROFESSIONAL ENGINEER

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER MD COMMENTS	11/21/12	R.L.
B	ADDED CHARTS	12/26/13	R.L.
C	REVISED PER MD COMMENTS	10/23/14	R.L.
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PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 14-0128.05
Expiration Date 2/1/18
Michael Miller Product Control

WinDoor
INCORPORATED

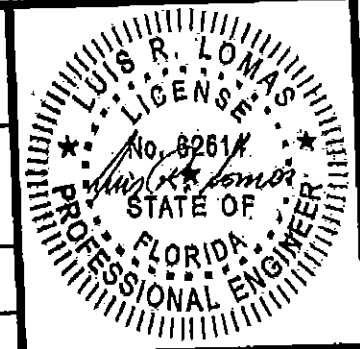
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SERIES 9050 TERRACE OUT SWING
ALUMINUM (THERMALLY BROKEN) DOUBLE DOOR
COMPONENTS

DRAWN: A.P. DWG NO. 08-01637 REV D

SCALE NTS DATE 06/21/12 SHEET 10 OF 13

SIGNED: 11/16/2015



9/16"

1/4"

66 THERMAL I-STRUT
NYLON POLYAMIDE .070" THICK (66GF25)
TENSILE STRENGTH 10,390 PSI

13/16"

1/4"

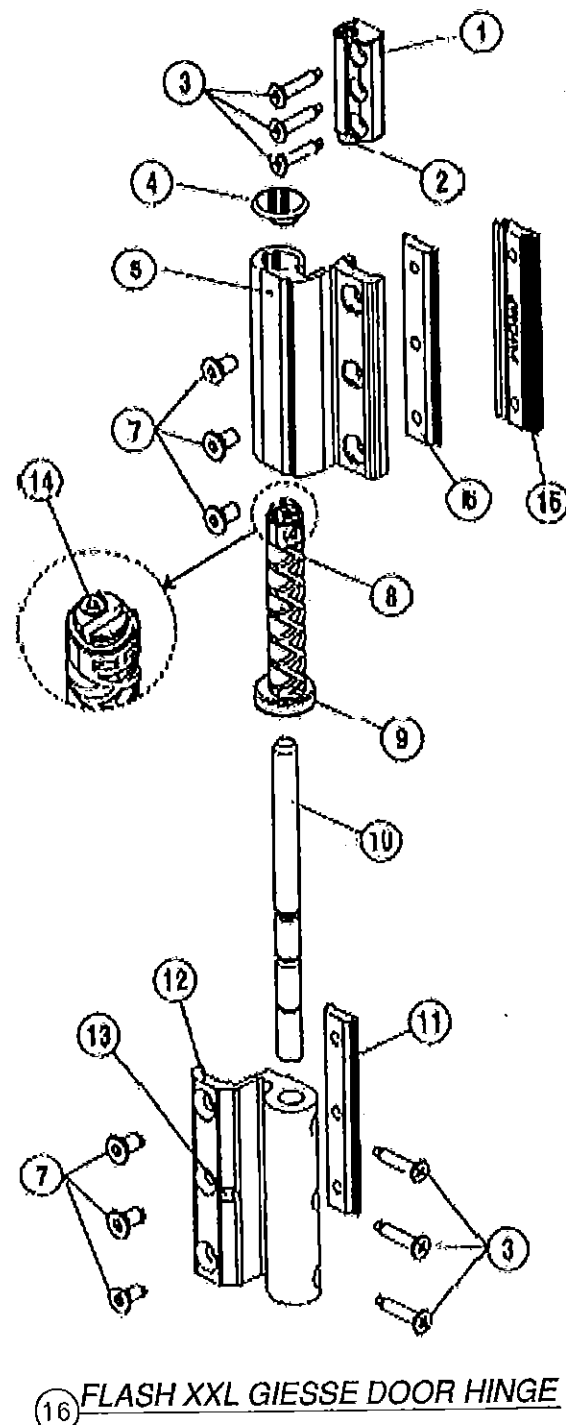
67 THERMAL I-STRUT
NYLON POLYAMIDE .070" THICK (66GF25)
TENSILE STRENGTH 10,390 PSI

3/4"

5/16"

68 THERMAL I-STRUT
NYLON POLYAMIDE .070" THICK (66GF25)
TENSILE STRENGTH 10,390 PSI

REVISIONS			
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D	REVISED PER MD COMMENTS	09/30/15	R.L.



1/4"

1/4"

41 WEATHERSTRIP
75 DUROMETER

5/16"

1/2"

42 WEATHERSTRIP
75 DUROMETER

7/16"

7/16"

45 EPDM SEAL
75 DUROMETER

3/16"

9/16"

48 SPONGE EPDM SEAL
75 DUROMETER

1 1/4"

3/4"

1 11/16"

35 JAMB ANCHOR COVER
PVC .050" THICK

1 1/4"

3/8"

49 STRUT COVER
80 DUROMETER EPDM .201" THICK

OUTSWING DOOR GIESSE HINGE B.O.M.

1. HEIGHT ADJUSTMENT PLATE
2. GRUB SCREW FOR WING RAISING
3. #10 x 2" TEK SCREW
4. CAP
5. FM HINGE PART
6. FIXING PLATE FOR FM HINGE
7. FIXING SCREWS M6 x 12
8. ECCENTRIC BUSHING
9. BEARING
10. PIN
11. PLATE FOR MX HINGE FIXING
12. MX HINGE PART
13. GRUB SCREW FOR PIN LOCKING
14. GRUB SCREW FOR BUSHING BLOCKING
15. PRELOAD PLATE

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 14-0128.05
Expiration Date 2/7/18

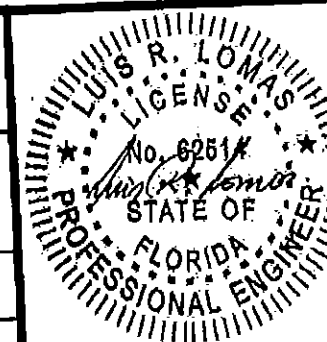
WinDoor
INCORPORATED

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www.windoorinc.com

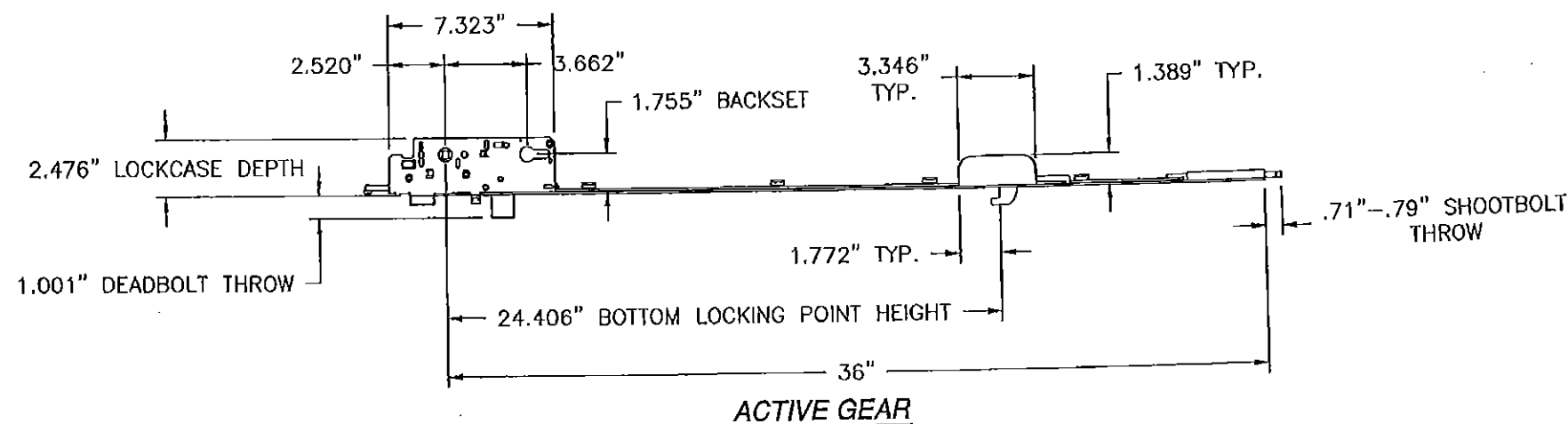
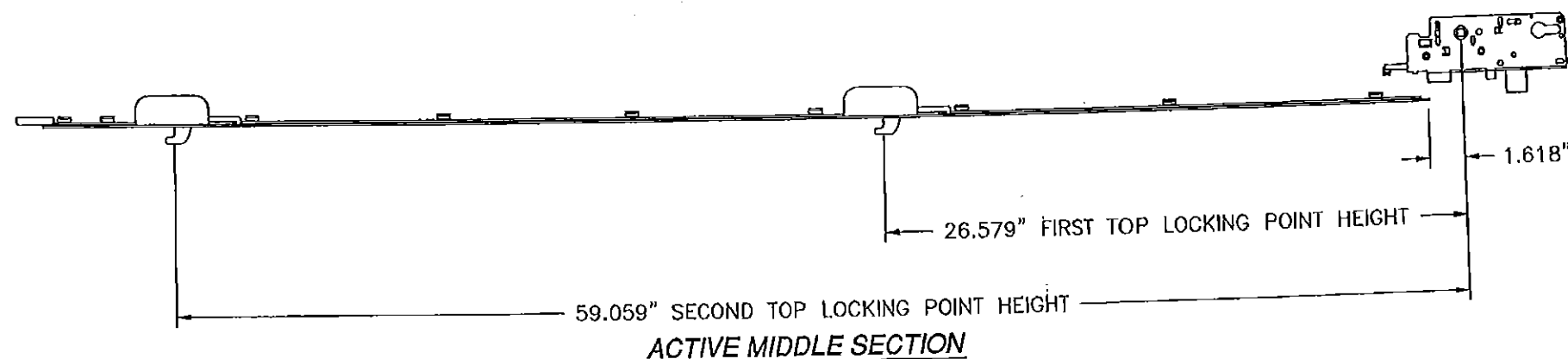
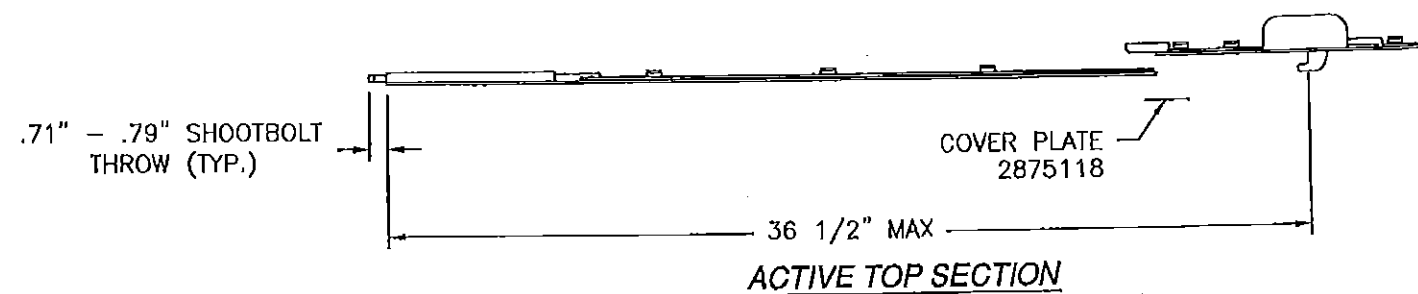
SERIES 9050 TERRACE OUT SWING
ALUMINUM (THERMALLY BROKEN) DOUBLE DOOR
COMPONENTS

DRAWN: A.P. DWG NO. 08-01637 REV D
SCALE NTS DATE 06/21/12 SHEET 11 OF 13

SIGNED: 11/16/2015



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER MD COMMENTS	11/21/12	R.L.
B	ADDED CHARTS	12/26/13	R.L.
C	REVISED PER MD COMMENTS	10/23/14	R.L.
D	REVISED PER MD COMMENTS	09/30/15	R.L.



69 MULTI-POINT LOCK

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 14-0128-05
Expiration Date 2/7/18

By *[Signature]*
Mike D. Product Control

WinDoor

INCORPORATED

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ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

SERIES 9050 TERRACE OUT SWING
ALUMINUM (THERMALLY BROKEN) DOUBLE DOOR
COMPONENTS

DRAWN: A.P.

DWG NO. 08-01637

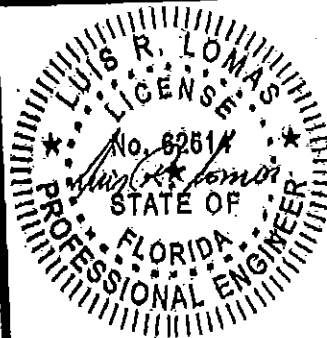
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SCALE NTS

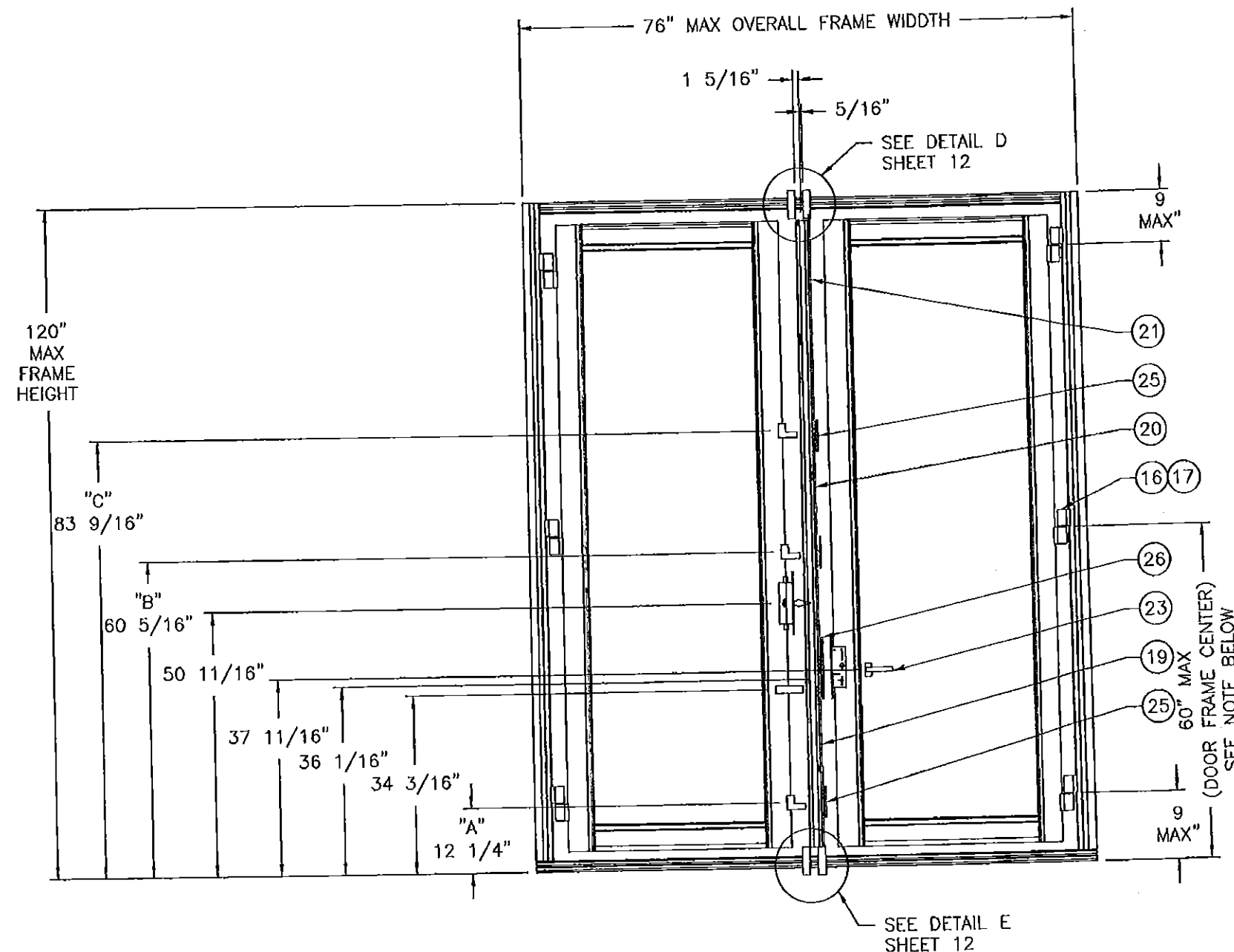
DATE 06/21/12

SHEET 11A OF 13

SIGNED: 11/16/2015



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER MD COMMENTS	11/21/12	R.L.
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D	REVISED PER MD COMMENTS	09/30/15	R.L.



**HARDWARE LOCATION
FOR STANDARD FRAME AND SILL**

KEEPER LOCATION PER DOOR HEIGHT WITH
STANDARD SILL:

84" HIGH = A, B
90" HIGH = A, B & C
96" HIGH = A, B & C
102" HIGH = A, B & C
108" HIGH = A, B & C
114" HIGH = A, B & C
120" HIGH = A, B & C

- MIDDLE HINGE NOTES:
1. LOCATE HINGE AT MIDPOINT OF FRAME HEIGHT.
 2. LOCATE SNUBBER DRIVE AT 10" MAX ON EACH SIDE OF MIDDLE HINGE.

PRODUCT REVISED
in compliance with the Florida
Building Code
Acceptance No. 14-0128-05
Expiration Date 2/7/18

By *[Signature]*
Product Control

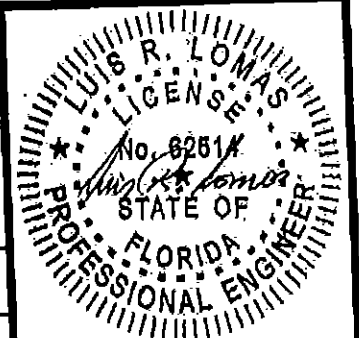
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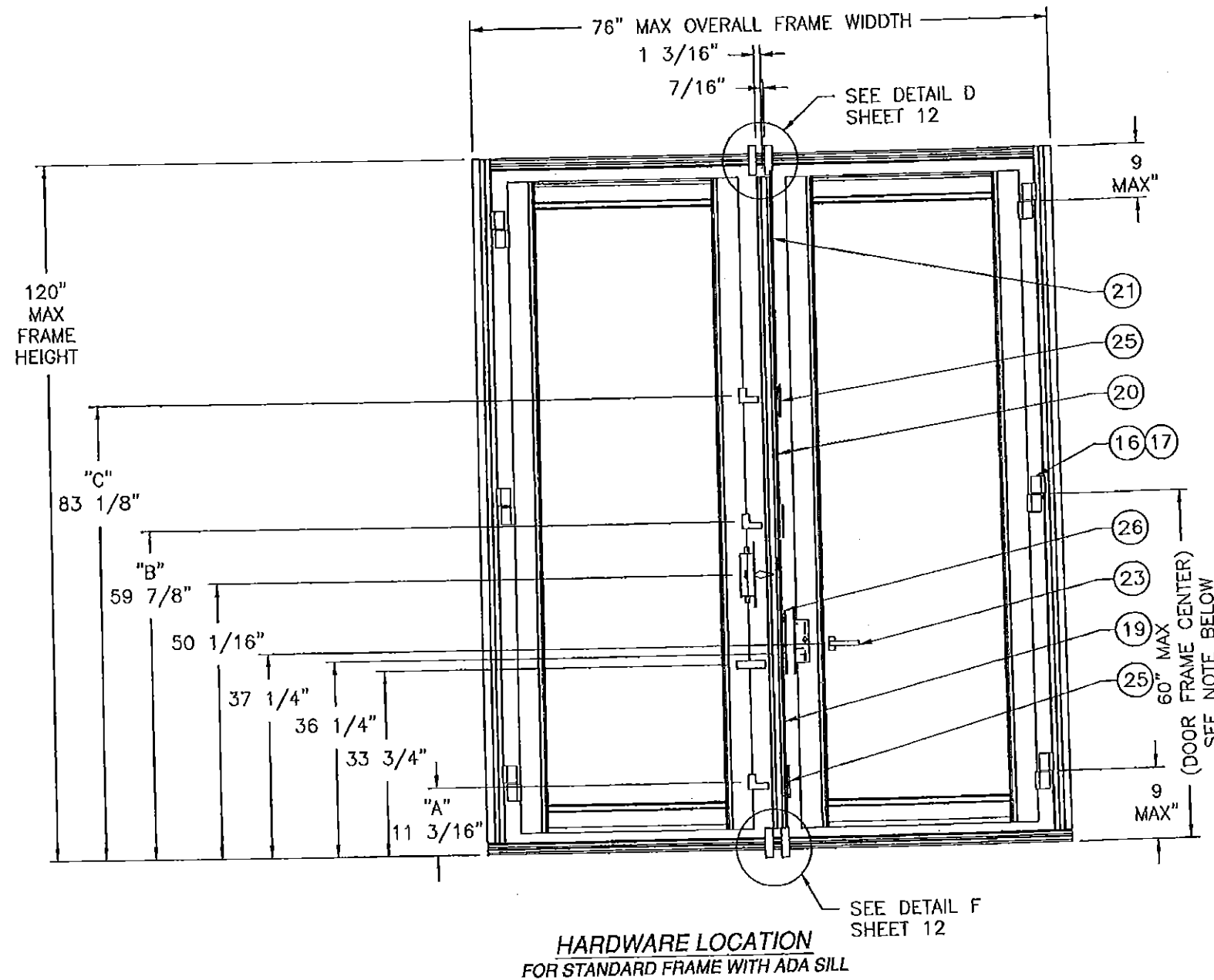
SERIES 9050 TERRACE OUT SWING
ALUMINUM (THERMALLY BROKEN) DOUBLE DOOR
HARDWARE LOCATIONS

DRAWN: A.P. DWG NO. 08-01637 REV D
SCALE NTS DATE 06/21/12 SHEET 12 OF 13

SIGNED: 11/16/2015



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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KEEPER LOCATION PER DOOR
HEIGHT WITH ADA SILL:

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 90" HIGH = A, B & C
 96" HIGH = A, B & C
 102" HIGH = A, B & C
 108" HIGH = A, B & C
 114" HIGH = A, B & C
 120" HIGH = A, B & C

- MIDDLE HINGE NOTES:
1. LOCATE HINGE AT MIDPOINT OF FRAME HEIGHT.
 2. LOCATE SNUBBER DRIVE AT 10" MAX ON EACH SIDE OF MIDDLE HINGE.

PRODUCT REVISED
 as complying with the Florida
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 Acceptance No. 14-0128.05
 Expiration Date 2/1/18

B. *[Signature]*
 Manager Product Control

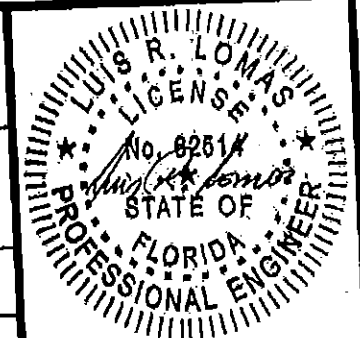
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SERIES 9050 TERRACE OUT SWING
 ALUMINUM (THERMALLY BROKEN) DOUBLE DOOR
 HARDWARE LOCATIONS

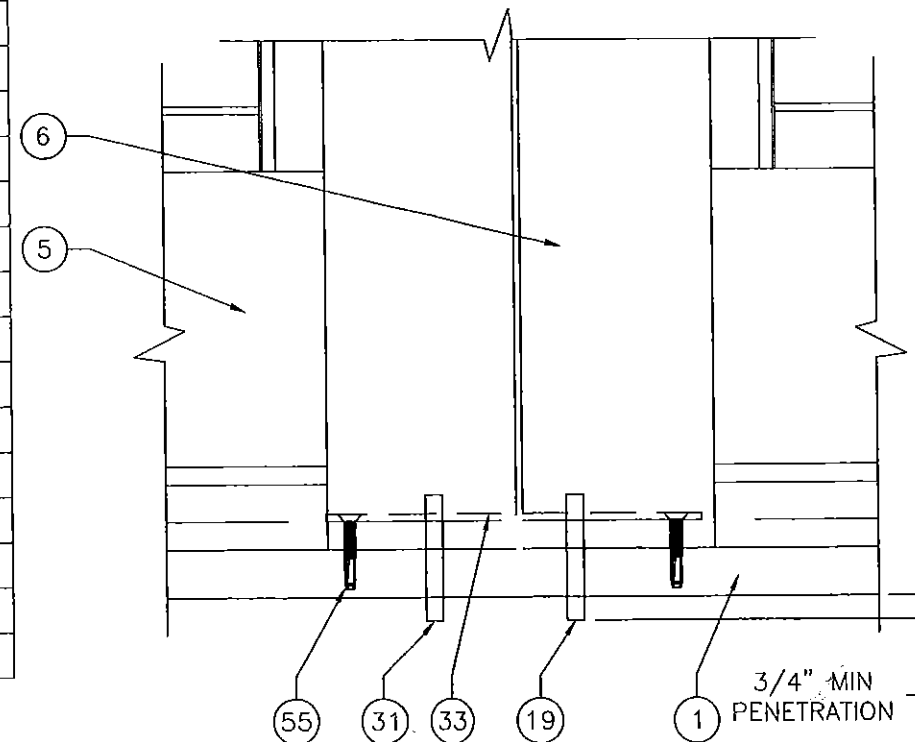
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 SCALE NTS DATE 06/21/12 SHEET 12A OF 13

SIGNED: 11/16/2015

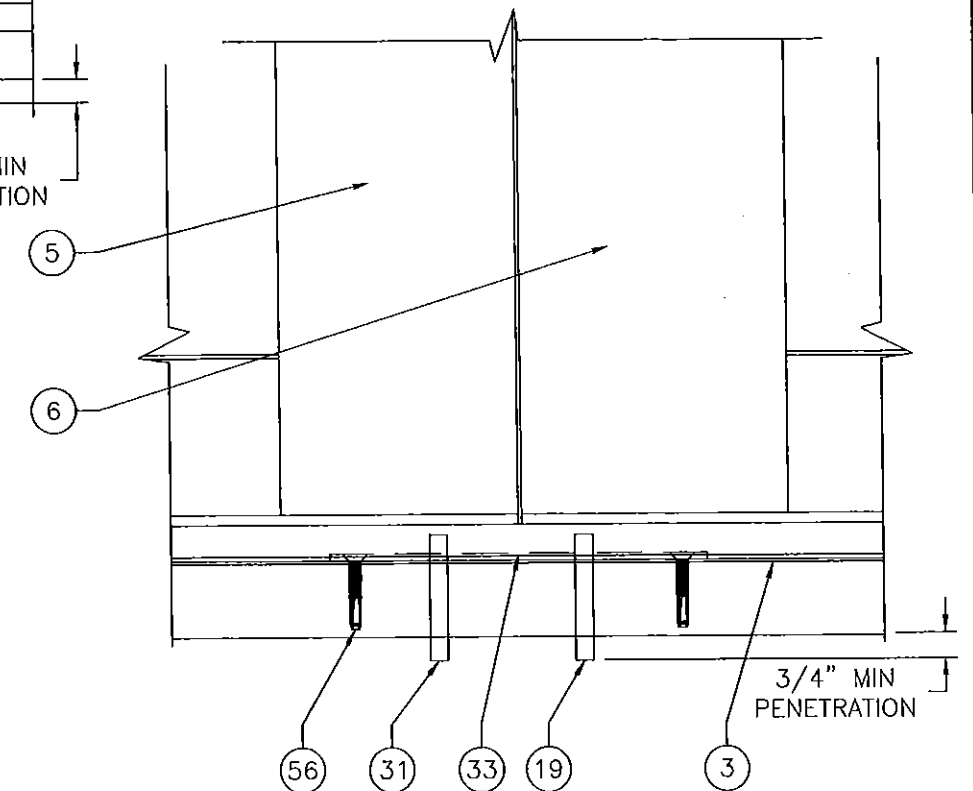


PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
19		BOTTOM EXTENSION	HOPPE	
20		MIDDLE EXTENSION	HOPPE	
21		TOP EXTENSION	HOPPE	
22		MORTISE FLUSHBOLT	HOPPE	
23		HANDLE & TRIM SET	HOPPE	
24		LOCK CYLINDER & THUMB TURN	HOPPE	
25	p7012013eSWH	HOOK LATCH STRIKE PLATE	HOPPE	
26	p7012011eWLD	LATCH & DEAD BOLT STRIKE PLATES	HOPPE	
27	p701XXX-SBR	SHOOT BOLT REINFORCING PLATES	HOPPE	
28	p10311-SPACER	SHOOT BOLT REINFORCING SHIM	HOPPE	
29	1900908	10 MM STANDARD ROD GUIDES	HOPPE	
30	8787443	30 MM FLUSH BOLT ROD LOCK	HOPPE	
31		10 MM FLUSH BOLT ROD	HOPPE	
32		10 MM FLUSH BOLT ROD	HOPPE	
33	p7012010eWSB	SHOOT BOLT STRIKE	HOPPE	

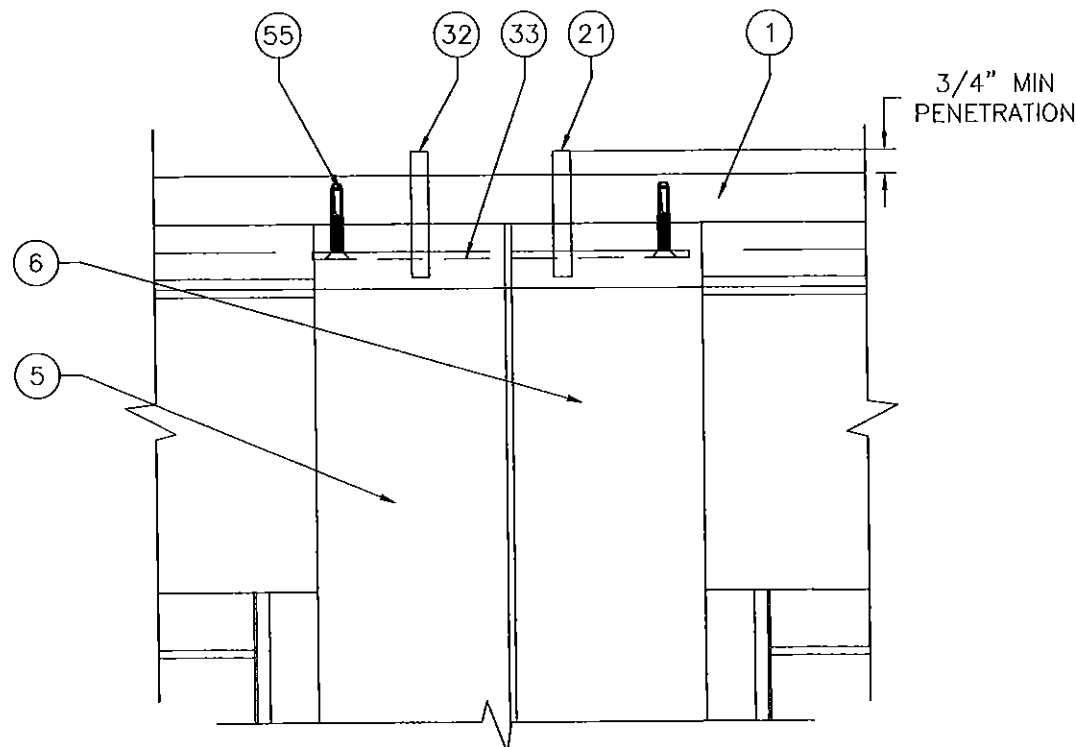
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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DETAIL E
STANDARD SILL SHOOT BOLT INSTALLATION



DETAIL F
ADA SILL SHOOT SHOOT BOLT INSTALLATION



DETAIL D
STANDARD HEAD SHOOT BOLT INSTALLATION

SIGNED: 11/16/2015

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 14-0128.05
Expiration Date 2/2/18
By: [Signature]
Maxim Product Control

WinDoor
INCORPORATED

7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

SERIES 9050 TERRACE OUT SWING
ALUMINUM (THERMALLY BROKEN) DOUBLE DOOR
HARDWARE LOCATIONS

DRAWN: A.P.	DWG NO. 08-01637	REV D
SCALE NTS	DATE 06/21/12	SHEET 13 OF 13

